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HIGH-DENSITY, MINIATURIZED ARRAYS AND METHODS OF MANUFACTURING SAME

Abstract of the Disclosure

10 High-density, miniaturized arrays including high surface areas. Arrays described include substrate with a coating of linking agents, as well as arrays with reactants affixed to the substrates. Methods of manufacturing high-density arrays of reactants. The methods include the use of oriented, heat shrink films and elastomeric materials. Methods of functionalizing a substrate with linking agents for subsequent affixation of reactants are also disclosed herein.

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